

# **Thailand's Annual International Training Course (AITC) 2017**

## **“Principle Concept and Practice of One Health for Emerging Disease Management”**

**I. Course Title:** Principle Concept and Practice of One  
Health for Emerging Disease Management

**II. Duration:** 1 – 28 August 2017

**III. Closing Date for Application:** 2 June 2017

### **IV. Background and Rational**

Recent global disease phenomenon have shown the increasing effects of zoonotic (transmitted from animals to humans) pathogens on human and animal health. It has also become evident that changes in the environment, including agricultural intensification, population growth, climate change, and human encroachment into wildlife habitats, are drivers for such zoonotic disease emergence and that environmental contamination with toxic chemicals and other hazards threaten human and animal populations. The One Health approach emphasizes the relatedness among human, animal, and environmental health as well as the importance of transdisciplinary efforts. The conceptual framework of One

Health integration focuses on the management of public health and environmental resources viewed as common public goods. The concept of “community of practice” is to drive collective action for One Health stakeholders. Therefore, sustainable strengthening of One Health capacities requires consideration about the next generation. The training program on One Health, which involve public health, veterinary public health and environmental health officers aims at developing a new culture of interdisciplinary and systems thinking, involving social and environmental sciences in the community setting.

This four weeks training program is an intensive program of its kind offered by the ASEAN Institute for Health Development (AIHD) in cooperation with Thailand One Health University Network and Thailand International Cooperation Agency (TICA). The program emphasizes on developing of managerial and leadership skills for medical and paramedical public health care professionals which is recognized as an important factor in improving quality of public health service through human resources development, appropriate technology utilization, and community participation encouragement.

The AIHD was established in 1982 as the ASEAN Training Centre for Primary Health Care Development. It was a joint effort of Mahidol University, the Ministry of Public Health and

the Department of Technical and Economic Cooperation (DTEC, now TICA) of the Royal Thai Government, with a strong support from Japan International Cooperation Agency (JICA). The AIHD work bases on a forward-looking and conceptually challenging perspective on human resource development which aims to support the global strategy of “Health for All” through the primary health care approach advocated by WHO. AIHD has three key missions, namely education and training, technical services, and research and development, focusing on participatory community-based health and related program management, with a special emphasis on facilitating the paradigm shift from a “service-oriented” approach to a “development” approach in order to promote “Health for All” through human capacity building and community empowerment.

**V. Course Objectives:** At the end of this training course, participants will be able to;

- Develop fundamental skills and recognition on the use and value of scientific method for problem solving.
- Understand relationship among varying disciplines in problem-solving through investigation. And will be able to interpret and represent information from their discipline and community.
- Develop effective group working skills.

- Create an interdisciplinary framework.
- Synthesize information from contributing disciplines and community sources and formulate integrated solutions.
- Communicate their final report to audiences.

## VI. Course Outline

This training course comprises of fourteen modules: seven core competencies and seven technical modules. The training topics include;

### Technical Modules;

- One Health Concepts and Knowledge.
- Fundamentals of Infectious/Emerging Disease.
- Infectious/Emerging Disease Management
- Epidemiology and Risk Analysis
- Public Health
- Ecosystem Health
- Behavior Change

### Core Competency Modules;

- Collaboration and Partnership
- Communication and Informatics
- Culture, Beliefs, Values and Ethic
- Role of Leadership and Team Building in One Health
- Work plan : the Key to Successful One Health initiative management

- Policies, Regulations and Guidelines for one health
- Policy, Advocacy and Regulation
- Systems Thinking
- Trans-disciplinary approach and methodology for One Health problem solving
- Concept of Project Development

(Detailed program will be circulated to successful candidates.)

Included in the training course is a one-week field trips to Ratchaburi province, the province with a high number of dengue incidence. Participants will be offered an opportunity to observe and experience several dengue incidence controls at different levels as well as to exchange of idea with those who work in health and non-health team. It will also show the interactive community empowerment for dengue incidence control in Thailand.

### **Advance assignment**

- 2-3 pages country report on analysis of emerging disease management in participants' respective countries/territories which consisted of (i) the existing situation, (ii) management and prevention, (iii) data information system, (iv) access to essential medicines, (v) financing, and (vi) leadership/governance, (if apply).

- 1 page report on analysis of strength and weakness of emerging disease management in participants' respective countries/territories.

### **Project assignment**

Participants will be assigned to describe and analyse the component of their local emerging disease management, identify a priority unsatisfactory issue and propose an intervention in order to improve on the quality of their emerging disease management based on one health concept. Selected intermediary presentations and group works will be organized to facilitate individual work. Participants are required to submit a report and make a presentation in a plenary at the end of the course.

### **VII. Number of Participants 20 persons**

### **VIII. Qualifications**

Candidates must possess qualifications as specified in “Guideline for Thailand’s Annual International Training Course Programme” No. 2 “Qualifications” as well as following qualifications;

- Currently work in the area of environment, public health and veterinary science.
- Computer literate

## IX. Application

- Nomination must be made by central government agencies in charge of nomination of national candidates (such as Ministry of Foreign Affairs) or by relevant central government agencies for which the nominated candidates currently work. Nomination must be in line with relevant rules and regulations of the nominating countries/territories.
- Each eligible countries/territories are invited to nominate up to two (2) candidates per course.
- The application must be submitted to TICA through the Royal Thai Embassy/ Permanent Mission of Thailand to the United Nations/ Royal Thai Consulate-General accredited to eligible countries/territories. (See “List of Eligible Countries/Territories”)

For more information on qualifications, application forms, and application procedures, please visit our website at <http://www.tica.thaigov.net/main/en/information/73803-Annual-International-Training-Course.html>

## X. Venue and Training Institution:

ASEAN Institute for Health and Development,  
Mahidol University,

Salaya, Phutthamonthon,  
Nakhonpathom, Thailand,

## **XI. Contact**

For more information, please contact;

Bureau of International Cooperation on Human Resource  
Development

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